

Recovery Plan Action Status

Plan Name: Cooley's Meadowrue

Plan Status: Final

Plan Date: 21-Apr-94

Lead Agency: USFWS

Lead Office: Raleigh Ecological Services Field Office

(919)

856-4520)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Cooley's meadowrue (Thalictrum cooleyii)	1	1	Develop interim research and management plans in conjunction with landowners	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Management: General, Research: General	Internal Field Assistance, Internal Technical Assistance, Species Expert	*For all tasks containing, in 'Responsible Parties' column, SCA - State plant conservation agencies of participating states. In North Carolina, these are the Plant Conservation Program (North Carolina Department of Agriculture) and the Natural Heritage Program (North Carolina Department of Environment, Health, and Natural Resources); in Georgia, the Freshwater Wetlands and Heritage Inventory (Georgia Department of natural Resources); and in Florida, the Natural Areas Inventory and the Florida Department of Agriculture and Consumer Services
Cooley's meadowrue (Thalictrum cooleyii)	2	10	Define criteria for self-sustaining populations and develop appropriate habitat management guidelines based upon the data obtained from Tasks 2.2 through 2.4	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Research: General	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	

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Cooley's meadowrue (Thalictrum cooleyi)	2	11	Implement appropriate management techniques as they are developed from previous tasks	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Management: General, Management: Habitat Maintenance and Manipulation	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Cooley's meadowrue (Thalictrum cooleyi)	3	12	Develop techniques and reestablish populations in suitable habitat within the species' historic range	Not Started	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Research: Propagation	Contract, Graduate Student, Internal Field Assistance, Species Expert	
Cooley's meadowrue (Thalictrum cooleyi)	3	13	Maintain and expand cultivated sources for the species and provide for long-term maintenance of selected populations in cultivation	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, Center for Plant Conservation, State Conservation Agencies, USFWS Regional Office 4	Research: Propagation	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	Task duration: 3-5 years Plants in propagation at NC Botanical Garden (CPC repository) and Atlanta Botanical Garden.
Cooley's meadowrue (Thalictrum cooleyi)	3	14	Prepare and distribute news releases and informational brochures	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, Center for Plant Conservation, State Conservation Agencies, USFWS Regional Office 4	Other: Information and Education	Internal Field Assistance, Internal Technical Assistance, Species Expert	
Cooley's meadowrue (Thalictrum cooleyi)	3	15	Prepare articles for popular and scientific publications	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, Center for Plant Conservation, State Conservation Agencies, USFWS Regional Office 4	Other: Information and Education, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Cooley's meadowrue (Thalictrum cooleyi)	3	16	Annually assess success of recovery efforts for the species	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, Center for Plant Conservation, State Conservation Agencies, USFWS Regional Office 4	Other	Internal Field Assistance, Internal Technical Assistance, Species Expert	

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Cooley's meadowrue (Thalictrum cooleyi)	1	2	Rank populations for focus of protection efforts	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Management: General, Other, Research: General	Internal Technical Assistance, Species Expert	
Cooley's meadowrue (Thalictrum cooleyi)	1	3	Evaluate habitat protection alternatives	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Acquisition: General	Internal Field Assistance, Internal Technical Assistance, Species Expert	
Cooley's meadowrue (Thalictrum cooleyi)	1	4	Enforce laws protecting the species and/or its habitat	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Other: Law Enforcement	Internal Field Assistance	
Cooley's meadowrue (Thalictrum cooleyi)	2	5	Search for additional populations and potential habitat	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Cooley's meadowrue (Thalictrum cooleyi)	2	6	Determine population size and stage-class distribution for all populations	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Research: General	Graduate Student, Internal Field Assistance, Species Expert	
Cooley's meadowrue (Thalictrum cooleyi)	2	7	Study abiotic and biotic features of the species' habitat	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Research: General	Graduate Student, Internal Field Assistance, Species Expert	
Cooley's meadowrue (Thalictrum cooleyi)	2	8	Conduct long-term demographic studies	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Research: Demographic Studies	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	

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Cooley's meadowrue (Thalictrum cooley)	2	9	Determine the effects of past and ongoing habitat disturbance	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, State Conservation Agencies, USFWS Regional Office 4	Research: Habitat Status	Internal Field Assistance, Internal Technical Assistance, Species Expert	